

INFORMATION DISCLOSURE STATEMENT

INVENTION: Bucket Extension for Front Loaders

INVENTOR: Charles Raup

Applicant is aware of the following prior art which may be relevant to the examination of this application.

U. S. Patent No. 5,129,169 discloses an attachment that increases the size of a bucket to increase the efficiency of snow removal. The attachment is secured to the bucket by hooks attached to the upper edge of the bucket. The attachment increases the width of the bucket and directs the snow towards the bucket for removal. It does not use pivoting buckets that pivot from a position in front of the main bucket to an open operable position.


U. S. Patent No. 5,655,318 discloses a snowplow with a blade having pivoting end extensions that pivot outward from behind the blade to increase the overall width of the blade. Hinges and support members connect the extensions to the blade. The blade extensions are hydraulically operated to open them from behind the blade to their extended position. Pivoting buckets are not used.

U.S. Patent No. 5,819,444 discloses a snowplow having a central blade and two moving blades hinged to the ends of the main blade. The two moving blades can be adjusted by power means so that their angle with respect to the main blade is adjustable. Again pivoting buckets are not used.

U.S. Patent No. 5,894,689 discloses a side plate attachment that is mounted onto the sides of a snowplow blade. The side plates do not extend the width of the plow but are designed to enclose the plow to create a sort of bucket.

U.S. Patent No. 6,298,585 discloses a wing accessory mounted on each end of a bucket of a front end loader. The wing is hooked extending over the front edge of the bucket. There is a coupling for securing the accessory to the back side of the bucket. The wing is not pivotally connected to the main bucket and cannot be folded in front of the bucket to a closed position.

Copies of the above patents are enclosed

By: 
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Application Number

Filing Date

First Named Inventor

Charles Raup

Art Unit

Examiner Name

Attorney Docket Number

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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